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more accurate checking than the hitherto employed control valves; it permits uninterrupted and remote control. There is 1 figure.

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L 33656-66

ACC NR: AP6025040 SOURCE CODE: CZ/0049/66/000/001/0003/0009

20
B

AUTHOR: Cabadaj, Stanislav--Tsabaday, Stanislav (Graduate biologist; Kosice); Praslicka, Milan--Praslichka, Milan; Bernasovsky, Ivan--Bernasovski, Ivan

ORG: Institute of Biology, Faculty of Natural Sciences, P. J. Safarik University, Kosice

TITLE: Interaction of blood sera with a culture of Paramecium caudatum. II. Individual sensitivity to medium lethal x-ray doses determined by the consumption of complement by culture of Paramecium caudatum

SOURCE: Biologia, no. 1, 1966, 3-9

TOPIC TAGS: protozoology, blood serum, radiation biologic effect, rat

ABSTRACT: The minimum hemolytic dose of complement (MHD) in healthy, not irradiated rats, and the number of MHD of the complement used up by the culture of paramecia (number of minimum hemolytic doses NHMD) was determined by the consumption of complement by a culture of Paramecium caudatum, and by titration of the complement. 24 hours after an examination, experimental rats were subjected to a dose of 550 r at X-rays and observed for a subsequent period of 30 days. Rats with high NHMD survived longer than those with lower NHMD. Rats with high MHD (low complement level) survived longer than those with a low MHD. Greatest survival rate was found in rats that had a high NHMD and a high MHD. The experiment was carried out with the technical assistance of Helena Krajcarova. Orig. art. has: 3 figures and 2 tables. [Orig. art. in Engl] [JPRS: 35,348]

SUB CODE: 06 / SUBM DATE: 14Jun65 / ORIG REF: 007 / OTH REF: 003 / SOV REF: 002

Card 1/1

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

ANCZYKOWA, Ada; BERNASOWSKA-KNAPCZYKOWA, Krystyna

Developmental disorders of the 1st fetal arch with special reference to P. Robin's syndrome (Pierre Robin's syndrome). Pol. tyg. lek. 18 no.40:1489-1492 30 S '63.

1. Z I Kliniki Dziecięcej AM w Krakowie; kierownik: prof. dr Tadeusz Giza.

(MANDIBLE) (CLEFT PALATE) (TONGUE)
(ABNORMALITIES)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

ANCZYKOWA, A.; BERNASOWSKA-KNAPCZYKOWA, K.; KOBIELOWA, Z.; STAPINSKI, A.

Enteropathic actodermatitis in an infant. Pol. tyg. lek. 20 no.2:67-68 11 Ja '65

1. Z I Kliniki Dziecięcej Akademii Medycznej w Krakowie (Kierownik: prof. dr. Tadeusz Giza) i Kliniki Dermatologicznej Akademii Medycznej w Krakowie (Kierownik: prof. dr. Kazimierz Lejman).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

ANCZYKOWA, Ada; BERNASOWSKA-KWAPCZYNSKA, Krystyna

5 cases of Pierre Robin's syndrome. Pol. tyg. lek. 19 no.8: 299-302 17 F '64.

1. Z I Kliniki Dziecicej Akademii Medycznej w Krakowie (kierownik: prof. dr. Tadeusz Giza).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

S/137/62/000/001/142/237
A052/A101

AUTHORS: Nedeshan, Sh., Bernat, Al., Iovitsiy, Ye.

TITLE: Investigation of fatigue strength of high-quality carbon steels, produced in the Rumanian People's Republic

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 35, abstract 1I241 ("Byul. nauchn. inform. Rumyno-sov. nauchn. in-t. Ser. matem., fiz., khimii i tekhn. n." no. 2, 1960, 43-52)

TEXT: The fatigue strength of 3 carbon steels (OLC 35, OLC 45 and OLC 60) containing 0.35, 0.45 and 0.60% C as well as the dependence of σ_1 on σ_b for these steels in normalized state was investigated statistically. The tests were carried out on cantilever samples with a reduced cross-section in the middle. By the test results the lower σ_w, that is the maximum stress at which no sample was destroyed as yet, the upper σ_w that is the minimum stress at which all samples were destroyed, and the mean σ_w value that is the stress at which 50% of the samples were destroyed, were determined. This corresponds approximately to 10^7 cycle test duration. The σ_w values found and corresponding values of other mechanical properties (σ, σ_s, δ, ψ, α_k) are presented in a table. Diagrams

Card 1/2

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Investigation of fatigue strength ...

show the dependence of σ_{-1} on σ_b as well as the results of statistical processing of the data obtained. On the basis of the analysis made the following limiting values of σ_{-1} are given for standardization purposes: 25 - 33 kg/mm^2 for OLC 35, 27.5 - 35 kg/mm^2 for OLC 45 and 30 - 36 kg/mm^2 for OLC 60.

N. Kalinkina

[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

SHTRAUB, F.B.[Straub, F.Bruno], prof.; BIRO, Zh.[Biro,Zs. translator]; MAYUS , M.[Mausz,M.,translator]; MESAROSH , I.[Meszaros,I., translator]; MILE, I. [translator]; BERNAT, D., otv. izdatel'.

[Biochemistry] Biokhimiia. Budapest, Akademiai Kiado, 1963. 715 p. (MIRA 16:12)

1. Meditsinskiy universitet, Budapesht (for Shtraub).
(Biochemistry)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

RADNOT, M.; ROSLAVTSEV, A.V., prof.; SIZA, Mario, doktor [translator]; VEYNSHTEYN, P., doktor med. nauk, nauchnyy red.; CHAPODI, I.,doktor med. nauk, nauchnyy red.; BERNAT, D'yerd', otv. izd.; ERDI, K., otv. red.; CHERGE, I., tekhn. red.

[Atlas of eye diseases] Atlas glaznykh boleznei. Budapest, Izd-vo Akad. nauk Vengrii. Vol.1. 1962. 188 p. (MIRA 15:1)

1. Chlen-korrespondent AN Vengrii (for Radnot). 2. Direktor moskovskogo instituta glaznykh bolezney im. Gel'mgol'tsa (for Roslavtsev).
(EYE—DISEASES AND DEFECTS)
(ANATOMY, PATHOLOGICAL—ATLASES)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

KISHSH, Ferents [Kiss, Ferenc], prof.; SATYUKOVA, Galina, kand. med. nauk, dots.Prinimal uchastiye DONAT, Tibor, dots., doktor; SHEYYEY, Mikhay, [translator], doktor; BERNAT, D"yard', otv. izdatel'; ERDI, K., otv. red.; CHERGE, I., tekhn. red.

[Topographic anatomy] Topograficheskaia anatomiia. 7., perer. izd. Budapest, Izd-vo Akad. nauk Vengrii, 1962. 258 p. (MIRA 14:11)

1. Zaveduyushchiy Anatomicheskim institutom Budapeshtskogo Meditsinskogo universiteta (for Kishsh). 2. Kafedra anatomii cheloveka 1-go moskovskogo meditsinskogo instituta (for Satyukova). 3. Direktor Izdatel'stva i tipografii Akadenii nauk Vengrii(for Bernat).
(ANATOMY, HUMAN)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

VENKEI, T.; SHUGAR, Ya.[Sugar, J.]; KOVACH, Margit[Kovacs, Margit], doktor [translator]; D'YENESH, Gea[Gyenes, Geza], doktor [translator]; MEL'TSER, Miklosh[Melczer, Miklos], prof., nauchnyy red.; RAYKA, Eden[Rajka, Odon], prof., nauchnyy red.; BERNAT, D'yerd'[Bernat, Gyorgy], otv. izdatel'; ALEKSA, M.[Aleksza, M.], red.izd-va; FARAGO, M., tekhn. red.

[Malignant tumors of the skin; early diagnosis, pathohistology and treatment] Zlokachestvennye opukholi kozhi; ranniaia diagnostika, patogistologiia i lechenie. Budapest, Izd-vo AN Vengrii, 1962. 341 p. (MIRA 16:11)
(SKIN—CANCER)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, F.

Business accounting in mining. p. 97.
RUDY, Praha, Vol. 3, no. 4, Apr. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Frantisek, inz.

Problem of the material in erest of enterprises. Pod org 17 no.5:222-223 My '63.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

L 21463-66 EWP(c)/EWP(t)/EWP(h)/EWP(l)/EWA(h)/ETC(m)-6 JD/JT

ACC NR: AP6011972 SOURCE CODE: CZ/0057/65/000/007/0261/0262

AUTHOR: Bernat, Frantisek (Engineer; Economic director)

ORG: Directorate of the Iron Metallurgical Industry, Prague (Oborovy reditelstvi hutnictvi zeleza)

TITLE: New organization for guiding metallurgical production

SOURCE: Hutnik, no. 7, 1965, 261-262

TOPIC TAGS: metallurgic industry, metallurgy

ABSTRACT: The new organization that was instituted in Czechoslovak metallurgical industry on the 1st of July is discussed. The organization follows the structure of trusts; individual National Enterprises are independent and are directed by the Directorate of the specific industry; there are 4 metallurgical Directorates: iron, metal products, non-ferrous metals, and ore mining. The majority of Enterprises (12 out of 42 with 160,000 employees out of 232,000, and with production worth 22.5 out of 30 billion Czech crowns) are included in the Iron Directorate. The reason for the change was that the national product growth rate of 7% fell to 1.4 in 1962, and showed a decline of 2.4% in 63, with no change for 64. It is hoped that in 65 the level of 62 will be reached. The need for separation of the economical sector from the political one is stressed. The importance of technically competent managers is emphasized. Orig. art. has: 1 table. [JPRS]

SUB CODE: 13, 11, 05 / SUBM DATE: none

Card 1/1 dda

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Gyorgy

[redacted], a free country in the Americas. Auto motor 15 no.4:16-17 F '62.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT Gyorgy

FOGEL', Mariya [Fogel, Maria], dots.; NAD', Zoltan [Nagy, Zoltan], SIZA, Mario [Sziza, Mario], doktor [translator]; RAVAS, Yanosh [Ravasz, Janos], dots., nauchn. red.; ERDEI, Mikhay [Erdei, Mihàly], dots., nauchn. red.; BERNAT, D'yerd' [Bernàt, György], otv. izdatel'; ALEKSA, M. [Aleksza, M], red.; CHERGE, I. [Csörgò, I.], tekhn. red.

[X-ray atlas of traumatology] Rentgenovskii atlas po travmatologii. Budapest, 1964. 439 p. Translated from the Hungarian. (MIRA 17:3)

1. Zaveduyushchaya otdelom rentgenologii III terapevticheskoy kliniki Budapeshtskogo meditsinskogo universiteta i Gosudarstvennogo Instituta Travmatologii (for Fogel').
2. Glavnyy rentgenolog Budapeshtskoy TSentral'noy Travmatologicheskoy Ambulatorii (for Nad').

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Gyorgy

Hungarian scientific monographs and their significance in foreign countries. Magy tud 71 no.2:94-100, F'64

1. Akademiai Kiado igazgatoja.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Gyorgy

The Hungarian Academy of Sciences Publishing House. Term tud kozl 9 no.3:142-143 Mr '65.

1. Director, Hungarian Academy of Sciences Publishing House, Budapest.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Ivan

BERNAT, Ivan, Dr.

Erythromyeloid, thrompenic and lymphoid reactions in bronchopneumonia. Orv. hetil. 98 no.44:1219-1222 3 Nov 57.

1. A Nephadsereg Egeszegugyi Szolgalatanak kozlemenye.
(BRONCHOPNEUMONIA, compl.
leukemoid reactions, case reports (Hun))
(BLOOD DISEASES, case reports
leukemoid reactions in bronchopneumonia (Hun))

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Ivan, dr.

Significance of hyposiderosis in ozena. Orv. hetil. 101 no.26: 913-915 26 Je '60.

1. Hephadsereg Egeszsegugyi Szolgalata.
(ANEMIA HYPOCHRONIC etiol.)
(RHINITIS ATROPHIC compl.)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, I.; FABER, V.

Pathology and histopathology of ozaena experiments proving its siderocpenic origin. Acta med. acad. sci. Hung. 18 no.1:139-162 '62.

1. Hungarian Army Medical Corps.

(OZENA pathol) (IRON defic)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Ivan

Days of Hematology. Magy tud 69 no.2:100-101 F '62.

1. Foorvos, Magyar Nephadsereg Egeszsegugyi Szolgalata.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Ivan, az orvostudomanyok kandidatusa, foorvos

Investigations into the origin of ozena. Magy tud 70 no.8: 514-525 Ag '63.

1. Nephadsereg Egeszsegugyi Szolgalata.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, I.; VALLO, J.

Ozaenat the causes of its familial occurrence. Acta med. acad. sci. Hung. 20 no.1:89-105 '64

1. Hungarian Army Medical Corps, Budapest.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

VALLO, Jozsef, dr.; UDVARI, Pal, dr.; BERNAT, Ivan, dr.

An oligosymptomatic case of adult Hand-Schueller-Christian syndrome. Orv. hetil. 106 no.22:1035-1037 30 My'65.

1. Nephadsereg Egeszegugyi Szolgalat.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, I.; NOVAK, J.; ELEK, S.; DOZSAN, Gabriella

Anaemia after thermal injury. I. Iron metabolism. Acta med. acad. sci. Hung. 21 no.1:121-131 '65.

1. Hungarian Army Medical Corps.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

NOVAK, J.; BERNAT, I.; DOZSAN, G.; SANDOR, E.

The disorder in iron metabolism developing in burns disease.
Acta chir. plast. (Praha) 7 no.4:310-316 '65.

1. Medical Service of the Hungarian People's Army, Budapest, Hungary.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

Biochemistry

HUNGARY

BERNAT, Ivan, Dr, physician-colonel, candidate of medical sciences; [affiliation not given].

"The Role of Tissue Hemins in Cell Respiration."

Budapest, Honvedorvos, Vol XVIII, No 3, Jul-Sep 66, pages 194-204.

Abstract: [Author's Hungarian summary] The oxidation-reduction processes which take place in the tissues and, within these, the role of iron-containing respiratory enzymes are discussed. Iron deficiency within the tissues will result in a decreased hemin activity which in turn will lead to a severe disturbance in cell function and to structural changes in the cells. The clinical appearance of hyposiderotic disease is not caused by the anemia itself - which is not even an obligate symptom - but by the iron deficiency of the tissues. The dystrophic-atrophic changes caused by hyposiderosis are reversible for a long time and respond well to iron therapy. 2 Eastern European, 15 Western references.

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APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Josef.

Effect of light on sporulation of yeasts. Biologia, Bratisl. 10 no.2:156-162 '55.

1. Mikrobiologicky ustav Biologickej fakulty Karlovej university v Prahe.
(YEASTS,
eff. of light on sporulation)
(LIGHT, effects,
on yeast sporulation)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

KOVACS, E., Dr.; BERNAT, J., Dr.

The influence of some factors on iron absorption and the efficacy of iron therapy. Ther. hung. no.5:15-24 1957.

1. From the Karolyi Sandor Municipal Hospital (Director: Dr. J. Lazarits) Budapest.

(IRON
absorp. mechanism & efficacy of various pharmaceutical prep.)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Jozef

Mineralization of nucleic acids. Rost vyroba 9 no.7/8:862-865 Jl-Ag '63.

1. Prirodovedecka fakulta Univerzity Komenskeho, oddelenie mikrobiologie, katedra fyziologie rastlin, Bratislava.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Jozef; DUBRAVSKA, Viola

Mineralization of lecithin. Rost vyroba 9 no.7/8:865-868 Jl-Ag '63.

1. Prirodovedecka fakulta Univerzity Komenskeho, oddelenie mikrobiologie, katedra fyziologie rastlin, Bratislava.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Leos

Apparatus for precise shaping of grinding wheel bevels. Stroj vyr 10 no.7:359 '62.

1. Konstrukta, Trencin.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Leos

Automatic control of water level in steam boilers. Energetika Cs 12 no.3:156 Mr '62.

1. Konstrukta, Trencin.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, M.; BORON, Z.; FAST, J.

A case of osteoid osteoma. Polski przegl.radiol. 25 no.3:423-425 My-Je '61.

1. Z III Kliniki Chirurgicznej AM we Wroclawiu Kierownik: prof. dr med. Z. Jezioro z Kliniki Radiologicznej AM we Wroclawiu Kierownik: doc. dr med. Z. Kubrakiewicz.

(TIBIA neopl) (OSTEOMA OSTEOID surg)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, M.; BORON, Z.; FAST, J.

A case of chondrosarcoma of the metacarpal bone. Polski przegl. radiol. 25 no.6:549-553 '61.

1. Z Kliniki Radiologicznej AM we Wroclawiu Kierownik: doc. dr med. Z. Kubrakiewicz Z III Kliniki Chirurgicznej AM we Wroclawiu Kierownik: prof. dr med. Z. Jezioro.

(METACARPUS neopl) (CHONODROSARCOMA radiog)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

JEZIORO, Zdzislaw; FAST, Jakub; BIELAWSKI, Janusz; BENIAT, Mieczyslaw

Use of antibiotics in surgery of the digestive system. Polski przegl. chir. 33 no.7/9:864-866 '61.

1. Z III Kliniki Chirurgicznej AM we Wroclawiu Kierownik: doc. dr Z. Jezioro.
(ANTIBIOTICS ther) (GASTROINTESTINAL SYSTEM surg)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

FAST, Jakub; BIELAWSKI, Janusz; BERNAT, Mieczyslaw

Determination of sigmamycin resistance in strains of Staphylococcus aureus and Escherichia coli resistant to 6 antibiotics. Polski przegl. chir. 33 no.7/9:900-901 '61.

1. Z III Kliniki Chirurgicznej AM we Wroclawiu Kierownik: doc. dr Z. Jesioro.
(STAPHYLOCOCCUS pharmacol) (ESCHERICHIA COLI pharmacol)
(ANTIBIOTICS pharmacol)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

JEZIORO, Zdzislaw; BERNAT, Mieczyslaw; BIELAWSKI, Janusz; FAST, Jakub; KRZYWY, Tadeusz

Clinical significance of antibiotic therapy of surgical diseases. Pol. tyg. lek. 17 no.36:1415-1418 3 S '62.

1. Z III Kliniki Chirurgicznej AM we Wroclawiu; kierownik: prof. dr med. Zdzislaw Jezioro.

(ANTIBIOTICS)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, M.; BORON, Z.; FAST, J.; OSTROWSKI, B.

Radiological picture and therapy of chondromas. Polski przegl. radiol. 26 no.2:101-109 '62.

1. Z III Kliniki Chirurgicznej AM we Wroclawiu Kierownik: prof. dr med. Z. Jezioro z Kliniki Radiologicznej AM we Wroclawiu Kierownik: doc. dr med. Z. Kubrakiewicz.

(CHONDROMA)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Mieczyslaw; KUS, Henryk; SALETRA, Adam

A benign form of duodeno-colic fistulae. Pol. przegl. radiol. 28 no.2:149-153 Mr-Ap '64.

1. Z III Kliniki Chirurgicznej Akademii Medycznej we Wroclawiu (Kierownik: prof. dr. med. Z. Jezioro) i Kliniki Radiologicznej Akademii Medycznej we Wroclawiu (Kierownik: doc. dr. med. Z. Kubrakiewicz).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Mieczyslaw; BIELAWSKI, Janusz

Cases of foreign bodies of the digestive system. Wiad. lek. 18 no.4:351-353 15 F '65.

1. Z III Kliniki Chirurgicznej Akademii Medycznej we Wroclawiu (Kierownik: prof. dr. Z. Jezioro).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Mieczyslaw; BIELAWSKI, Janusz; DRAK, Juliusz

Malignant degeneration of old scars and ulcerations of various etiology. Pol. tyg. lek. 20 no.6:224-225 8 F '65

1. Z III Kliniki Chirurgicznej Akademii Medycznej we Wroclawiu (Kierownik: prof. dr. Z. Jezioro).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BIELAWSKI, Janusz; BERNAT, Mieczyslaw

A case of sarcoma of ulcerative extensive scar of the foot. Chir. narzad. ruchu ortop. Pol. 29 no.4:551-553 '64.

1. Z III Kliniki Chirurgicznej Akademii Medycznej we Wroclawiu (Kierownik: prof. dr med. Z. Jezioro).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

JEZIORO, Zdzislaw; BIELAWSKI, Janusz; BERNAT, Mieczyslaw; KRZYWY, Tadeusz

Bacterial flora in acute appendicitis. Pol. tyg. lek. 20 no.16: 558-560 19 Ap '65.

1. Z III Kliniki Chirurgicznej AM we Wroclawiu (Kierownik: prof. dr. med. Z. Jezioro) i z Instytutu Immunologii i Terapii Doswiadczalnej Polskiej Akademii Nauk (Dyrektor: prof. dr. med. S. Slopek).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT,P.; BRZEK,A.; DEDEK,V.; ZOUBEK,J.

Changes in the motor activity after pentazole administration in irradiated rate under the influence of phenobarbital inhibition. Cesk. fysiol. 9 no.4:375 Jl '60.

1. Farmakologicky ustav lek. fak. KU,Hradec Kralove.
(PENTYLENETETRAZOL pharmacol.)
(PHENOBARBITAL pharmacol.)
(RADIATION INJURY exper.)
(MOVEMENT physiol.)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, R.; HRYNIEWIECKI, L.

Contribution to the study of changes in hydrosoluble proteins from the crystalline lens in cataract induced by red and infrared rays. Acta physiol.polon. 10 no.6:665-675 N-D '59.

1. Z Zakladu Fizjologii A.M. w Poznaniu. Kierownik: prof.dr E. Czarnecki.

(CATARACT exper.)
(CRYSTALLINE LENS chem.)
(PROTEINS chem.)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, R.; HRYNIEWIECKI, L.

Effect of terramycin and triacetyloleandomycin on amino nitrogen level in the blood serum and erythrocytes after protein load. Acta physiol.polon. 11 no.5/6:50 '60.

1. Z Zakladu Fizjologii A.M. w Poznaniu, Kierownik: prof.dr E.Czarnecki.

(OLEANDOMYCIN rel cpds)
(OXYTETRACYCLINE pharmacol)
(NITROGEN blood)
(ERYTHROCYTES)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

HERNAT, R.; HRYNIEWIECKI, L.

Behavior of amino nitrogen and osmotic properties of the erythrocytes in experimental histamine shock in guinea pigs. Acta physiol.polon. 11 no.5/6:651-652 '60.

1. Z Zakladu Fizjologii A.M. w Poznaniu, Kierownik: prof.dr. E. Czarnecki.
(NITROGEN blood)
(ERYTHROCYTES)
(HISTAMINE pharmacol)
(SHOCK exper)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

URBANOWICZ, M.; BERNAT, R.; HRYNIEWIECKI, L.

Effect of antibiotics on morphological and chemical pictures of the organism. I. Change of certain chemical components of the blood in rabbits under the influence of oxyterracin. Acta physiol. polon. 11 no.5/6:908 '60.

1. Z Zakladu Chemii Fizjologicznej A.M. w Poznaniu, Kierownik: prof.dr Z.Stolzmann. Z Zakladu Fizjoilogii A.M. w Poznaniu. Kierownik: prof.dr E.Czarnecki.
(OXYTETRACYCLINE pharmacol)
(BLOOD pharmacol)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Ryszard; HRYNIEWIECKI, Lech

Effect of antibiotics oxytetracycline hydrochloride and oleandomycin triacetate on the level of amino acids in the blood plasma and erythrocytes after protein load. Acta physiol pol 12 no.3:413-423 '61.

1. Z Zakladu Fizjologii A.M. w Poznaniu Kierownik: prof. dr E.Czarnecki.
(OLEANDOMYCIN pharmacol) (OXYTETRACYCLINE pharmacol)
(BLOOD PROTEINS pharmacol)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

L 17272-63 EWT(m)/BDS/ES(a)/ES(j)/ P/056/63/014/001/001/004
ES(c)/ES(k) AMD/ASD/AFFTC/AFMDC/APGC Pb-4 A

AUTHOR: Bernat, Ryszard; Hryniewski, Lech; and Stra-
Burzynski, Gerard

TITLE: Effect of superficial hypothermy on some nitrogenous compononts and proteins of blood serum and liver

PERIODICAL: Acta Physiologica Polonica, v. 14, no. 1, 1963, 37-44

TEXT: The effect of superficial hypothermy on the total nitrogen, amino nitrogen, and proteins in the blood serum and liver of guinea pigs was studied in attempt to settle varying findings on the behavior of proteins under hypothermy and whether the induced changes are the result of real disturbances in the protein metabolism in the liver or merely in its fluid volume. Authors used 40 guinea pigs, of which 20 were control and 20 had hypothermy (25°C, measured rectally with electric thermometer) induced by direct application of ice to the body for 60 minutes. The level

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Effect of superficial hypothermy...

of serum proteins was determined by the method of Gleiss and Hinsberg, and their separation was achieved by paper (Whatmann No 3) electrophoresis. Liver proteins, after homogenization in phosphate buffer (pH 7.2) after Sorensen and centrifugation at 15,000 g, were separated by paper electrophoresis. Serum and liver amino nitrogen was determined by Slavik's method, and total nitrogen by the Kjeldahl method, using the aparatus of Parnas and Wagner. The nitrogen of all protein fractions of the liver were expressed in percentages of the total liver nitrogen, and all values with $P < 0.01$ were deemed statistically significant. Authors found that there was a marked rise in the concentration of serum albumins and a decrease in serum globulins, especially in the gamma fraction. In the liver, there was diminution of total nitrogen and of the fast-moving fraction I, II, and III. There were no significant changes in the amino nitrogen of either serum or liver. The authors conclude

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

L 17272-63 P/056/63/014/001/001/004

Effect of superficial hypothermy...

that the disturbances in protein metabolism show that superficial hypothermy affects adversely the processes of metabolism. The findings are tabulated in 2 figures and 3 tables. There are 24 references, of which about 5 are from the Eastern bloc, and the others from the West.

ASSOCIATION: Zakład Fizjologii Człowieka AM (Department of Human Physiology, Academy of Medicine) Poznan

SUBMITTED: July 19, 1962

Card 3/3

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

HERNAT, Ryszard

Studies on the osmolarity, proteins and amino acids of the fluid of the anterior chamber in experimental intraocular hypertension. Acta physiol. Pol. 16 no.2:173-193 Mr-Ap'65.

1. Zaklad Fizjologii Akademii Medycznej w Poznaniu (Kierownik: doc. dr. J. Kiersz).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

L 6211-66 EWT(1)/FS(v)-3 DD

ACC NR: AP5027165 SOURCE CODE: PO/0056/65/016/005/0669/0680

AUTHOR: Bernat, Ryszard; Bombicki, Krzysztof (Bombitski, K.); Jendykiewicz, Zenon (Yendykevich, Z.)

ORG: Institute of Physiology AM, Poznan (Zaklad Fizjologii AM)

TITLE: Studies on transaminase activity and blood levels of amino nitrogen in low pressure and hypoxia

SOURCE: Acta physiologica polonica, v. 16, no. 5, 1965, 669-680

TOPIC TAGS: amino acid, nitrogen, low pressure, hypoxia, animal physiology, blood

ABSTRACT: An experiment was performed on adult male guinea pigs to study the effect of low pressure and hypoxia on the transaminase activity and blood levels of amino nitrogen. The six groups of animals were subjected to various treatment as follows: Group 1 was placed for 1 hr. in a low-pressure chamber with a pressure of 405 mm Hg and percentage of oxygen of 11.3; Group 2 with a pressure of 198 mm Hg and 5% oxygen; Group 3 with a pressure of 405 mm HG for 1 hr. and pure oxygen; Group 4 with a pressure of 198 mm Hg and pure oxygen; and Groups 5 and 6 at 750 mm Hg and a mixture of air containing 11.2% and 5.5% oxygen, respectively. The results showed an increase in blood amino nitrogen and an increase in the serum transaminase activity (SGPT and SGOT) in Groups 1 and 2. Breathing pure oxygen in low pressure at 405 and 198 mm Hg (Groups 3 and 4) caused an increase in blood amino nitrogen

Card 1/2

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L 6511-66

ACC NR: AP5027165

and an increased activity of serum transaminases. In hypoxia with 11.2 and 5.6% oxygen (Groups 5 and 6) a decrease in blood amino nitrogen and a slight change in transaminase activity was observed. Orig. art. has: 4 tables and 3 figures.

SUB CODE: LS / SUBM DATE: 21Dec64 / ORIG REF: 000 / OTH REF: 022

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Card 2/2

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Ryszard

Studies on changes in the osmolarity, proteins and amino acids of the aqueous humor in experimental intraocular hypotension. Acta physiol. Pol. 16 no.3:343-358 My-Je '65.

1. Zaklad Fizjologii AM w Poznaniu (Kierownik: doc. dr. J. Kiersz).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, Tivadar, dr.

"Regional and economic maps" by R. Brunet. Reviewed by Tivadar Bernat. Geod kart 16 no.6:470-471 '64.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNAT, W.

"Remnants of the Most Ancient Warsaw in Targowek", P. 19, (TURYSTA, No. 9, September 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

VENCKUNAS, Vitautas; BERNATAVICIUS, M., red.; PAKERYTE, O., tekhn. red.

[Increasing labor productivity on state farms]Darbo nasumo kelimas tarybiniuouse ukiuose. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 77 p. (MIRA 15:12)
(Lithuania--State farms--Management)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNATH, A.; IOVITIU, E.

Contributions to the study of correlation between ultrasonic transparence and railroad car axle structure. Studii tehn Timişoara 7 no.3/4:249-257 Jl-D '60.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

HERMATH, A.

On the efficacy of longitudinal wave ultrasonic control in the determination of fatigue fissures in railroad car axles. Studii tehn Timisoara 7 no.3/4:259-266 JI-D '60.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

ACCESSION NR: AP4018980 R/0018/63/000/009/0610/0619

AUTHOR: Bernath, Al.

TITLE: Research related to the ultrasonic checking of railroad car axles

SOURCE: Constructia de masini, no. 9, 1963, 610-619

TOPIC TAGS: axle, axle checking, ultrasonic, metal fatigue, oscillogram, defectoscope, thermo-mechanical treating, steel, structural change, steel permeability, acoustic shade, probe, reference signal, Siemens defectoscope, steel microstructure, metallographic probe

ABSTRACT: The author discusses the new, ultrasonic method of checking railroad car axles. This method requires no depressing of the wheels, is fast, and is sensitive enough to discover fatigue cracks in their incipient stage. On the other hand, there are certain disadvantages, connected mainly with the high sensitivity of the defectoscope, on which disturbances frequently appear. This necessitates a careful and thorough training of the control personnel in the use of the scope. The article gives the history of research into the problem in Rumania, then proceeds to synthesize the research performed, much of it by the author, and the results thereof. A number of graphs and tables are presented to support the author's presentation and conclusions. The author describes the research performed regarding the

Card 1/2

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

ACCESSION NR: AP4018980

sensitivity of various methods of ultrasonic checking of axles, and the effect of various parameters on the oscillogram signals. Based on the research, a mothodology was established for the examination of axles which contains the necessary elements for the interpretation of the oscillograms. Other problems examined relate to the determination of the effect of structural changes produced during the shaping and thermo-mechanical treating of the steel, and the ultrasonic transparency (permeability) of the axles. Orig. art. has: 12 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 23Mar64 ENCL: 00

SUB CODE: MD, ML, PH, SD NO REF SOV: 000 OTHER: 009

Card 2/2

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

L 32127-66 EWP(w)/EWP(v)/T/EWP(t)/ETI/EWP(l) JD

ACC NR: AP6023489 SOURCE CODE: RU/0018/65/000/002/0064/0072

AUTHOR: Safta, Voicu; Bernath, Alexandru

ORG: none

TITLE: Rapid methods for the determination of fatigue strength

SOURCE: Constructia de masini, no. 2, 1965, 64-72

TOPIC TAGS: fatigue strength, metal property

ABSTRACT: A survey and critical analysis of the principal methods for the rapid determination of the fatigue strength of metals. Orig. art. has: 7 figures, 10 formulas, and 4 tables. [JPRS]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 008 / SOV REF: 017
OTH REF: 035

Card 1/1 BLG 0915 1449

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNATH, A.; HAJDU, I.; SAFTA, V.

Testing the Prot method of progressive stress fatigue mechanism.
Studii tehn Timisoara 10 no.1:35-48 Ja-Je '63.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

SAFTA, V.; BERNATH, A.

Contributions to the fatigue resistance determination by testing the progressive continuous loading method. Studii tehn Timisoara 10 no.1:49-56 Ja-Je '63.

A new method of fatigue endurance testing by means of progressive loading. 57-65

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNATH, Al.; SAFTA, V.; SERBAN, Vl.

Studies on the correlation between ultrasonic transparence, microstructure, and mechanical characteristics of railroad car axles. Studii tehn Timisoara 10 no.2:255-277 Jl-D '63.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNATH, Al.; IOVITIU, E.; SAFTA, V.

Ultrasonic control of diesel electric engine frame plates. Studii tehn Timisoara 10 no.2:249-254 Jl-D '63.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNATH, Alexandru

Contributions to the development of methods for testing fatigue under progressive load. Constr mas 16 no. 2:97-100 F '64.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

SAFTA, Voicu; BERNATH, Alexandru

Methods of rapid determination of fatigue strength. Constr mas 17 no.2:64-72 F '65.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNATH, Al., ing., cercetator stiintific (Timisoara)

Supersonic defectoscopy of materials and products. St si Teh Buc 16 no.9:38-39 S '64

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

EWP(t)/ETI IJP(c) JD/WW/JG

ACC NR: AP6034169 SOURCE CODE: RU/0018/66/000/002/0065/0075

AUTHOR: Bernath, Alexandru; Horovitz, Bernard; Sos, Ludovic

30
B

ORG: none

TITLE: Fatigue strength of some improved types of steel alloys

SOURCE: Constructia de masini, no. 2, 1966, 65-75

TOPIC TAGS: chromium steel, molybdenum steel, nickel steel, fatigue

ABSTRACT: A report on an experimental study of the fatigue strength of three types of steel alloys: a chromium steel, a chromium-molybdenum steel, and a chromium-nickel steel. Among the principal conclusions of the study is that the temperature of thermic treatment exerts a significant influence on fatigue strength. The results have been subjected to statistical analysis. Orig. art. has: 6 figures, 4 formulas and 5 tables. [Based on authors' Eng. abst.] [JPRS: 36,867]

SUB CODE: 11, 20 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 001
OTH REF: 007

Card 1/1 vmb UDC: 669.15-194:620.178.3

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APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

KOCZKA, Karoly, dr.; BERNATH, Gabor, dr.

Configurative stability of the nitrogen atom of codeine. Acta chimica Hung 33 no.2:165-171 '62.

1. Institute of Organic Chemistry, University of Szeged, Beloiannisz ter 8.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

KOCZKA, Karoly, dr.; BERNATH, Gabor, dr.

Steric structure of 14-hydroxy-codeinone and 14-hydroxy-dihydro-codeinone. Acta chimica Hung 33 no.2:173-177 '62.

1. Institute of Organic Chemistry, University of Szeged, Beloiannisz ter 8.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNATH, Karoly (Szeged, Beloiannisz ter 7); KOCZKA, Karoly, dr. (Szeged, Beloiannisz ter 7)

Data on the correlation between the structure and R_F-value of organic compounds. I. Paper chromatographic investigation of N-alkyl-1-methyl-6,7-dimethoxy-3,4-dihydro-isoquinoliniumiodide homologs and N-alkyl-1-methyl-6-7-dimethoxy-1,2,3,4-tetrahydro-isoquinolinium iodide homologs in the system of C_4-C_8-n alcohols: water. Acta chimica Hung 31 no.4:443-448 '62.

1. Institut fur Organische Chemie der Universitet, Szeged.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

HAJDU, I.; BERNATH, M.; HERIESCU, T.

Device for testing the fatigue under progressive load.
Studii tehn Timisoara 7 no.3/4:267-275 Jl-D '60.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNATHNE, P. A.

Experiences with ephedrine therapy in polyarthritis. Orv. hetil. 93 no. 35:1006-1011 31 Aug 1952. (CIML 23:5)

1. Doctor. 2. Department C (Head -- Dr. Alice B. Partos), National Rheumatism and Baths Institute and Research Institute (Head -- Prof. Dr. Odon Schulhof).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNATHNE-PARTOS, Alice, dr.,; GARTA, Ivan, dr.,; CSIK, Laszlo, dr.

Balneotherapy of kinetic disorders related to circulatory diseases
Orv. hetil. 96 no.39:1046-1049 18 Sept 55.

1. Az orsalgos Reuma es Furdougyi Intezet es az Orszagos Balneologia Kutato Intezet (igazgato-foorvos: Dubovitz Denes dr., tudomanyos vezeto Schulhof Odon dr. kandidatus) C Osztalyanak (foorvos: B. Partos Alice dr.) es III. sz. belosztalyanak (foorvos: Frank Miklos dr.) koslemenye.

(MOVEMENT DISORDERS, therapy,
balneother, in kinetic disord. related to circ. dis.)
(CARDIOVASCULAR DISEASES, complications,
movement disord., balneother.)
(BALNEOLOGY, in various diseases,
movement disord. in cardiovasc. dis.)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNATH, A.; GARTA, L.; CSIK, L.

BERNATH, A.; GARTA, L.; CSIK, L. Balneotherapeutic experiences with patients whose motor systems are affected by circulatory diseases. p. 42.

Vol. 36, no. 1, Feb. 1956
HIDROLOGIAI KOZLONY. HYDROLOGICAL JOURNAL
GEOGRAPHY & GEOLOGY
HUNGARY

So: East European Accessions, Vol. 5, No. 9, Sept. 1956

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNATHNE PARTOS, Alice, dr.; FORGACS, Peter, dr.; KONEK, Laszlo, dr.; KISS, Anna T., dr.

Data on the clinical evaluation of the agar-agar fixation reaction. Orv.hetil 100 no.44:1583-1585 N '59.

1. Az Orszagos Reuma es Furdougyi Intezet (igazgato foorvos: Farkas Karoly dr. az orvostudomanyak doktora) es a Balneologiai Kutato Intezet (vezeto: Schulhof Odon dr. az orvostudomanyok kandidatusa) "C" reuma osztalyanak (foorvos: B. Partos Alice dr.) kozlemenye.

(NEOPLASMS diag.)
(RHEUMATISM diag.)
(ARTHRITIS diag.)
(SERODIAGNOSIS)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205010020-1

BERNATHNE PARTOS, Alice, dr.; GARTA, Ivan, dr.; CSIK, Laszlo, dr.

Balnotherapeutic experiences in locomotor disorders complicated with circulatory diseases. Hidrologiai kozlony 36 no.1:42-43 F'56.

1. Orszagos Reuma es Furdougyi Intezet.

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Clinical review of 117 newborn infants of diabetic mothers over a 10-year period at the Institute for Maternal and Child Care in Prague. Cesk. pediat. 19 no.1:30-34 Ja'64.

1. Ustav pro peči o matku a dite v Praze; reditel: doc.dr. M. Vojta; ved.pediat vyzkumu: doc.dr.K.Polacek, CSc.

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HERMATHOVA, Marie, MUDr

Rhbin's syndrome. Pediat. listy, Praha 9 no.3:174-175 May-June 54.

1. Z detske klin. lek. fak. KU, pobocka v Plzni (prednosta: doc. Jiri Lukes)

(MANDIBLE, abnormalities
hypoplasia with glossoptosis)
(ABNORMALITIES
mandible hypoplasia with glossoptosis)

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SO: Knizhnaya Letopis', No 9, 1956

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7841. BERNATONIS, I.—Pravila ulichnogo duizheniya. voditelyam avtomobiley i mototsiklov. 2-ye dop. izo. Vil'nyus, gospolitnauchizoat, 1954. 163 s. d ill. 22 sm. 20.000 EkZ 3R. 50 K.—Bibliogr: s. 159 (nazv.)-Na L, tov. yaz.—55.3443) 656.1.05 t(016.3)

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BERNATONIS, I. V.

Dissertation: "Determination of Unsaturated Compounds in Crude Alcohol and Their Separation." Cand Chem Sci, Institute of Chemistry and Chemical Technology, Acad Sci Lithuanina SSR, Vil'nyus, 1954. (Referativnyy Zhurnal-Khimiya, No 9, Moscow, May 54)

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Indication for induction of labor in diabetes mellitus. Cesk. gynek. 27 no.1/2:41-45 Mr '62.

1. Ustav pro peci o matku a dite Praha, reditel doc. MUDr. M. Vojta, zaslouzily lekar.

(DIABETES MELLITUS in pregn)
(PREGNANCY compl)
(LABOR)

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"The influence of certain kinds of lignite (called Kapucin) on the microbiological relationships in the soil."

p. 253 (Universitas Carolina. Biologica) Vol. 2, no. 2, 1956
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

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BERNATOVICH, K.S., inzh.; ZAYTSEV, Ye.A., inzh.; KORNILOV, A.N.; MEYKRZON, I.M.

The SM-897 unit for making soil-cement blocks. Stroi.i dor. mash. 7 no.10:28-30 O '62. (MIRA 15:11)
(Soil cement)

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[Tank trucks in agriculture] Avtotsisterny v sel'skom khoziaistve. Moskva, Gos. izd-vo selkhoz. lit-ry, 1952. 62 p.
(Tank trucks) (MLRA 7:8)

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8(6).14(6), 28(1) SOV/91-59-7-3/21

AUTHOR: Bernatovich, V.I., Engineer and Matusov, A.I., Foreman and Yerukhimov, A.S., Technician

TITLE: The Conversion of the Thermal Power Plant Fuel Feed System to Semi-Automatic Operation

PERIODICAL: Energetik, 1959, Nr 7, pp 8-9 (USSR)

ABSTRACT: The authors describe briefly the conversion of the fuel feed system to semi-automatic operation at one of the "Lenenergo" thermal power plants. During summer, about 3,000 tons of peat are consumed by this power plant, while 5,500 tons are required during winter. All fuels feed mechanisms are operated by ac and are controlled from one switchboard as shown in Fig.1, Instead of four operators, only one man is needed with the semi-automatic system. The conversion to semi-automatic operation was developed by the authors and was performed by employees of the power plant at a cost of 60,000 rubles. The authors state that the

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The Conversion of the Thermal Power Plant Fuel Feed System to Semi- Automatic Operation

conversion of the feed system to semi-automatic operation is important for increasing the reliability of the power plant's fuel supply. There are 1 photgraph and 1 diagram

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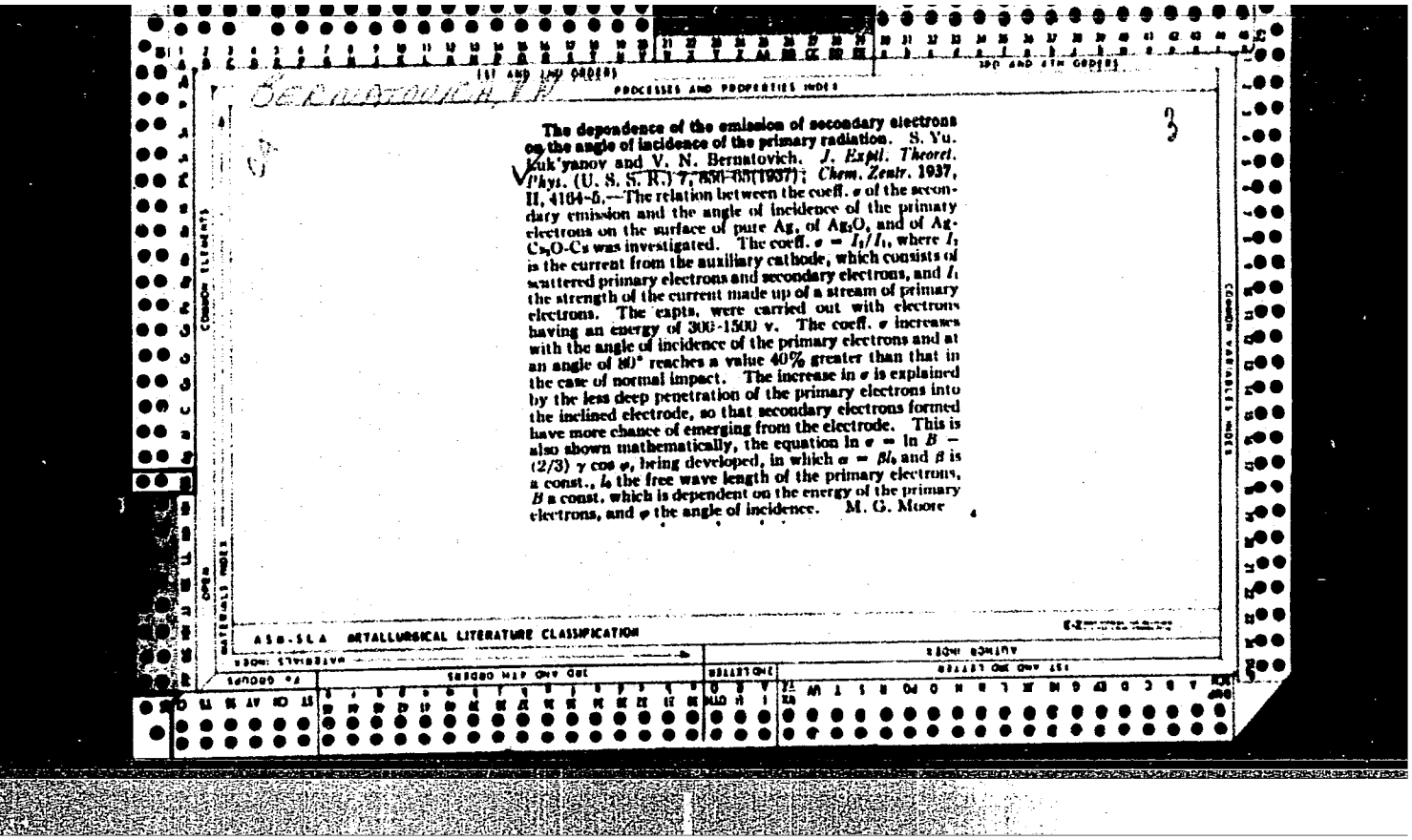

Bernatovich, V.N.

PROCESSES AND PROPERTIES INDEX

The dependence of the emission of secondary electrons on the angle of incidence of the primary radiation. S. Yu. Kuk'yanov and V. N. Bernatovich. *J. Expil. Theoret. Phys.* (U. S. S. R.) 7, 850–65 (1937); *Chem. Zentr.* 1937, II, 4104–5.—The relation between the coeff. σ of the secondary emission and the angle of incidence of the primary electrons on the surface of pure Ag, of Ag_2O, and of Ag-Cs_2O-Cs was investigated. The coeff. $\sigma = I_2/I_1$, where I_2 is the current from the auxiliary cathode, which consists of scattered primary electrons and secondary electrons, and I_1 the strength of the current made up of a stream of primary electrons. The expts. were carried out with electrons having an energy of 300–1500 v. The coeff. σ increases with the angle of incidence of the primary electrons and at an angle of 80° reaches a value 40% greater than that in the case of normal impact. The increase in σ is explained by the less deep penetration of the primary electrons into the inclined electrode, so that secondary electrons formed have more chance of emerging from the electrode. This is also shown mathematically, the equation $\ln \sigma = \ln B - (2/3)\gamma \cos \varphi$, being developed, in which $\sigma = Bl_0$ and β is a const., l_0 the free wave length of the primary electrons, B a const. which is dependent on the energy of the primary electrons, and φ the angle of incidence. M. G. Moore

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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9.4300

AUTHOR: Bernatowicz, I.

TITLE: The Peltier Effect and Its Application

PERIODICAL: Wiadomości Elektrotechniczne, 1960, Nr 1, pp 10 - 13

ABSTRACT: After having explained the basic principles of the Peltier effect, the author gives a few examples of practical applications. The author emphasizes that semiconductors proved even more effective than metals. Thus, the Institute of Technical Physics of the Czechoslovak Academy of Sciences designed, among others, a cooling device for small laboratory specimens. The cooling system consists of two semiconductor studs jointed on top by a copper strip. A 1.5 volt nickel-cadmium cell supplies the current regulated by a resistor. The difference of temperature between the two elements can reach 25-30°C. The other is a thermos bottle cooler for laboratory purposes. It is built into the stopper. The cooling elements are connected with ring-shaped ribs reaching into the bottle, while the aluminum mount is water-cooled. Current is supplied at the rate of 0.36 volts/15 amp. the content of 1 liter reaches a temperature of 0°C in 3 hours. The research on this subject in the Soviet Union is even more advanced; it is conducted by the Semiconductors Institute of the AS of the USSR. The author gives

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BERNATOWICZ, I.

Improvement of unipolar machines. Wiad elektrotechn 28 no.6:186-187 Je '61.

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Tunnel diode. Wiad elektrotechn 28 no.2:48-49 F '61.

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BERNATOWICZ, S.

"Natural Spawning Places." p. 3, (GOSPODARKA RYBNA, Vol. 5, no. 8, Aug. 1953, Warszawa, Poland"

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BERNATOWICZ, S.

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Food value of some water plants, p. 3. (GOSPODARKA RYBNA, Warszawa, Vol. 7, no. 2, Feb. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955, Uncl.

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